

CITY& TOWN

Frederick A. Laskey, Commissioner Joseph J. Chessey, Jr., Deputy Commissioner

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Audits Reveal Results of Ed Reform Spending

written by Dieter Wahl

Massachusetts's cumulative state investment in K-12 education under Chapter 70 for the 1994-2000 period amounts to \$14.6 billion. The Education Management Accountability Board (EMAB), established by the governor in 1997 to monitor progress under Education Reform. has reviewed and accepted audits of 18 school districts: Auburn, Braintree, Brockton, Cambridge, East Longmeadow, Everett, Gardner, Lexington, Lowell, Malden, Milton, New Bedford, North Attleborough, North Reading, Salem, Triton Regional, Woburn and Worcester. These districts represent approximately 14 percent of the state's total foundation enrollment and 14 percent of net school spending in Fiscal Year 1998. A team of auditors from the Department of Revenue's Division of Local Services, working in conjunction with the Department of Education (DOE), performed the audits.

How has the money been spent? Salary spending has increased by 30.3 percent, benefit spending has increased by 12.4 percent and nonsalary spending has increased by 75.2 percent for the group of audited school districts. Books and equipment, special needs tuition, extracurricular activities, maintenance and professional development are included as nonsalary expenses. The largest increase in spending in the audited districts was in professional development, which rose over 400 percent.

All of the districts have increased the number of teachers significantly, except for one community where the number of teachers actually decreased. Despite increased enrollment in many of the districts, most systems

achieved significant improvement in student to teacher ratios. In addition to decreasing class sizes, districts restored courses such as art, music and other enrichment opportunities for students. Although there has been a substantial reinvestment in textbooks and other educational supplies, only 6 of 18 districts had met the foundation budget spending for this category. The foundation budget is a target, not a requirement.

To establish a more responsive, professional cadre of principals who would focus on the results of student performance, the Education Reform Act removed principals from collective bar-

How has the money been spent?

gaining units. Superintendents have been notably loath to exercise this power to vary compensation and contract terms for individual principals based on performance. There are several reasons behind superintendents' failure to utilize this tool including the additional work required to establish differentiated contracts, the necessity of strong evaluation systems and the courage to implement unpopular change. Nearly all schools have created school improvement plans but many plans do not address student performance or test results.

Both state and national studies have demonstrated that students in the United States do not attend school to the same extent as students in other countries on either a daily or an annual basis. One goal of the Education Reform Act is to make Massachusetts'

students more internationally competitive by increasing the amount of instructional time. Although school districts have met the minimum state Time & Learning requirement, few have exceeded this requirement. DOE requires 990 hours in school per year for middle and high school students and 900 hours for elementary school students.

One popular assumption regarding spending and student achievement is that student achievement improves as spending increases. Another common belief is that since different achievement tests measure different areas, the results should not be compared. Some research suggests that demographic factors such as income can predict student achievement. The education audit teams used correlation analysis to assess the relationship of some of these factors in the districts they reviewed. The correlation analysis measures how closely two sets of data are related, or how they correlate. Most experts agree that values greater than

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LEGAL

in Our Opinion

Designer Selection Statute and Public Advertisement

Ten taxpayers in the Town of Norwell sought a preliminary injunction to halt a school design project. The plaintiffs argued that the town had failed to comply with the public notice provisions of both the state's designer selection statute and the town's own bylaws. On appeal, the Supreme Judicial Court ruled in *LeClair v. Town of Norwell* that these violations were of a technical nature, and the public interest would not be served through the issuance of an injunction.¹

In May 1997, the annual town meeting in the Town of Norwell appropriated \$100,000 for a feasibility study for construction and renovation of its school facilities. In June 1997, the Norwell school committee advertised a request for proposals (RFP) in the state's central register. Twenty-seven design firms responded to the advertisement, and representatives from 14 firms attended an informational session. In response to an inquiry, the town amended the RFP to permit the same firm selected for the feasibility study to conduct the design services. The town notified all 27 firms that had expressed interest in the project. In October 1997, the town selected Tappe' Associates, Inc. to perform the feasibility study. After an independent firm employed by the town reviewed the feasibility study favorably, the town decided to hire Tappe' to perform the design services for school construction as well.

A resident of Norwell complained to the Attorney General about the award of the design services contract in accordance with M.G.L. Ch. 149 § 44H. After a hearing, the Attorney General decided to take no action. Dissatisfied with the result, 10 taxpayers filed suit in superior court to void the design contract.² The plaintiffs alleged the town had not complied with the notice provisions of the designer selection statute³ and the town's own public bidding requirements.⁴ After the superior court motion for a preliminary injunction was denied, this matter came before the Supreme Judicial Court on appeal.

The Supreme Judicial Court reviewed the legislative history of the designer selection statute enacted in 1980 in response to recommendations of the Ward Commission's investigation of corruption in public construction contracts. The Legislature clearly set forth advertising requirements in M.G.L. Ch. 7 § 38D. Yet, the Legislature also gave some leeway to cities and towns, as compared to the state, in the award of design services contracts. For example, unlike state agencies and authorities, municipalities were not required to use a design selection board. At issue for the Supreme Judicial Court was whether cities and towns must strictly comply with the public notice requirements.5

The plaintiffs in the Norwell case argued that the town violated the statute by failing to advertise the contract for design services. The town, however, contended it was only legally required to advertise the feasibility study contract. The town attorney noted that although the firm conducting the feasibility study is usually ineligible to perform the design services contract,6 municipalities are exempt from this strict requirement. Subject to a favorable independent review, the designer of the feasibility study for a city or town is permitted to continue on and perform the design services project.7 The Supreme Judicial Court ruled that this carry-on provision, in light of the entire designer statute, did not exempt municipalities from the other statutory bidding requirements. In the court's view, the Legislature intended that the designer services contract be advertised.

The Supreme Judicial Court also agreed with the plaintiffs that the town had violated its own bylaws. Article VII of the Norwell bylaws did not totally exempt professional services contracts from the public advertising requirement, as the town attorney had argued. Rather, in the court's view, this bylaw exempted professional services contracts worth less than \$10,000 from the advertising requirement.

Having found statutory and bylaw violations, the court then examined whether the public interest would be benefited or hurt by an injunction. According to the court, the purpose of the designer selection statute was to safeguard the integrity of the system while, at the same time, assuring the quality of the design services. In its analysis, the court relied on its prior decisions interpreting the capital projects statute which was very similar to the designer selection statute.8 In the court's view, the designer selection statute did not expressly void a contract where there was some technical violation of the statute. The court found the designer selection provisions to be directory but not mandatory. Where the town acted in good faith and the statute was not intentionally violated, the court was reluctant to void the town's contract with the design firm. In addition, the public interest could be harmed through the issuance of a preliminary injunction. If the town did not promptly award the design contract, the town risked not being included on the state's priority list for School Building Assistance grant money.

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Focus

on Municipal Finance

What in the World is Free Cash?

The first thing to remember about free cash is that it is not free and it is not cash, to quote a former Deputy Commissioner of the Division of Local Services. The Bureau of Accounts (BOA) defines free cash as the amount a community has accumulated when actual revenue collections exceed the budget estimates used when setting the tax rate and/or actual expenditures and encumbrances (committed funds not yet expended) are less than appropriations. The Director of Accounts certifies free cash based on the community's balance sheet for the fiscal year ending on June 30. Prepared by the town accountant or city auditor, the balance sheet is a statement of what a community owns (assets), owes (liabilities) and what is left (fund balances) as of a given point in time. In addition to the balance sheet, BOA requires supplemental information such as state and local estimated revenues vs. actual revenues, prior year free cash not appropriated, and unexpended or unencumbered appropriations. BOA deducts property tax and other receivables not fully deferred, illegal deficits, overdrawn grant accounts and deficits in other funds such as special revenue funds or agency funds before certifying the amount of free cash. Deficits in other funds are deducted from the free cash calculation because more was spent than collected, creating an implicit "loan" from the community's general fund.

A community may not appropriate free cash until the BOA has certified the amount available. Once certified, however, it can be appropriated by town meeting or city council for any legal spending purpose up until the following June 30. If any free cash remains

at the close of the fiscal year, it cannot be appropriated until a new balance sheet has been submitted to the Bureau of Accounts and free cash for the next fiscal year is certified.

Figure 1 shows free cash totals statewide from FY1991 through FY1999. Free cash is certified as of the July 1 start of the fiscal year, so that FY1991 free cash was certified as of July 1, 1990. FY1992 is the first year that reflects the recession of the early 1990s. Positive free cash dropped 42 percent from FY1991. FY1993 showed another 2.4 percent decline. The improving economy began to manifest itself in FY1994. Positive free cash increased by 16.4 percent in FY1994, and by 24 percent in FY1995. FY1996 improved by another 52.4 percent. The free cash total stagnated in FY1997, increasing by only 2.5 percent, then began improving again. The FY1998 total increased by 13 percent and for FY1999

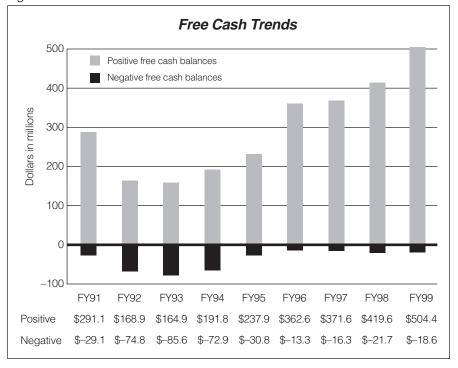
it increased another 20.2 percent. The FY1999 total is 73.3 percent higher than the FY1991 total-inflation over that period was only 20.1 percent.

Since free cash is a non-recurring revenue source, good financial management dictates that it should not be relied on to fund operating budgets, but rather should be used for one-time purposes such as capital purchases or appropriations to supplement the stabilization fund. *Figure 1* clearly demonstrates that the availability of free cash varies substantially with general economic conditions.

Table 1 lists all 351 cities and towns and shows their total budgets, the amount of free cash certified and free cash as a percentage of the total budget for FY1998 and FY1999. In FY1999, the percent of free cash compared to total budget ranged from Stockbridge at 51.66 percent positive

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Figure 1



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99 FC as a % budget	22.59% 6.74% 6.53% 14.43% 1.74%	12.05% 7.25% 0.00% 10.50% 6.14%	9.77% 3.40% 3.45% 2.92% 4.28%	3.28% 7.57% 5.54% 1.86% 5.49%	8.53% 3.49% 13.54% 4.32% 8.17%	3.44% 0.81% 6.79% 2.99% 7.91%	3.05% 25.58% 5.42% 12.69% 2.96%	7.34% 10.79% 8.81% 6.41% 2.16%	7.10% 0.98% -0.74% 4.59% -0.56%	6.45% 2.22% 4.91% 2.77% 2.66%	5.61% 7.01% 5.06% 0.59% 7.37%	1.50% 2.49% 3.74% 4.98% 2.47%
7/1/98 free cash	254,949 2,033,425 882,049 487,127 224,992	3,829,967 446,597 59,768 84,045	4,556,394 118,050 722,207 701,438 175,738	939,493 8,627,093 656,028 532,397 212,763	2,947,991 887,925 322,640 1,108,043 1,617,339	459,837 68,639 397,801 4,864,327 937,384	560,405 3,570,381 4,115,269 409,737 2,722,578	65,358 2,071,049 1,512,172 2,289,513 5,092,674	2,422,498 149,812 -1,357,384 1,019,871 -550,802	1,002,860 1,142,234 2,165,918 315,585 2,027,527	2,975,917 2,162,962 701,502 120,579 1,979,046	1,519,064 627,725 1,928,224 331,587 222,398
99 total budget	1,128,583 30,159,793 13,510,971 3,375,248 12,913,574	31,775,726 6,161,906 152,092,598 569,033 1,368,964	46,653,475 3,467,899 20,958,152 24,048,628 4,108,690	28,679,368 113,962,681 11,832,011 28,594,120 3,874,974	34,567,855 25,469,344 2,382,624 25,645,015 19,784,554	13,353,425 8,443,124 5,859,762 162,473,275 11,851,565	18,369,063 13,959,344 75,923,965 3,227,825 91,845,007	890,945 19,196,763 17,166,279 35,733,844 236,284,839	34,111,171 15,360,395 183,044,855 22,208,380 97,755,501	15,546,489 51,532,186 44,154,132 11,408,416 76,290,797	53,085,348 30,873,444 13,852,553 20,499,592 26,847,960	101,024,329 25,177,263 51,506,698 6,652,830 9,003,708
7/1/97 free cash	225,015 1,139,183 450,010 325,883 300,939	4,341,131 434,293 1,114,192 148,411 98,329	3,769,269 215,284 944,939 290,059 184,262	843,286 4,140,457 1,004,807 388,265 169,239	2,507,919 651,225 148,249 783,541 1,185,302	282,029 493,669 301,534 1,554,733 211,526	608,765 2,962,233 3,466,356 363,359 3,915,748	112,080 2,232,637 940,777 1,954,256 3,856,016	1,700,320 461,774 1,199,353 1,532,144 1,915,597	1,311,878 2,028,966 2,576,782 475,845 2,266,656	2,450,677 1,505,016 539,219 -9,226 803,003	1,416,443 731,378 1,584,439 465,213 500,171
98 total budget	1,053,738 28,504,709 12,708,425 3,264,400 12,573,993	30,433,200 6,246,059 145,457,890 473,059 1,658,905	43,040,585 2,893,067 20,594,454 21,263,058 4,722,799	26,801,120 105,715,036 11,740,654 25,887,090 3,747,388	33,644,218 23,659,828 2,405,861 23,766,871 20,114,762	12,289,645 7,261,370 5,295,549 153,830,855 11,410,488	17,140,865 14,773,140 65,994,559 2,944,408 85,443,850	980,453 19,124,227 16,644,138 34,313,933 219,790,515	32,932,896 14,970,878 169,274,762 20,927,424 90,367,467	15,792,987 41,716,813 41,481,818 10,419,069 68,408,605	44,492,170 29,231,078 11,907,514 18,855,426 24,015,793	98,175,005 23,788,024 48,346,397 7,043,171 8,528,098
Municipality	Hancock Hanover Hanson Hardwick Harvard	Harwich Hatfield Haverhill Hawley Heath	Hingham Hinsdale Holbrook Holden Holland	Holliston Holyoke Hopedale Hopkinton Hubbardston	Hudson Hull Huntington Ipswich Kingston	Lakeville Lancaster Lanesborough Lawrence Lee	Leicester Lenox Leominster Leverett Lexington	Leyden Lincoln Littleton Longmeadow Lowell	Ludlow Lunenburg Lynn Lynnfield Malden	Manchester Mansfield Marblehead Marion Marloough	Mashpee Mashpee Mattapoisett Maynard Medfield	Medford Medway Melrose Mendon Merrimac
99 FC as a % budget	8.44% 2.05% 5.09% 1.40% 3.12%	2.68% 7.76% 8.55% 14.30% 8.38%	11.23% 7.91% 2.80% 3.12% 11.39%	10.05% 5.65% 4.73% 5.56% 5.25%	6.84% 10.24% 8.56% 5.62% 13.78%	11.85% 9.09% 5.64% 4.21% 6.13%	4.36% 4.75% 0.31% 3.54% 4.54%	5.63% 6.52% 1.07% 27.33% 4.05%	1.69% 6.13% 6.09% 2.45% 2.28%	12.10% 5.30% 13.54% 9.71% 7.00%	5.35% 17.00% 14.60% 0.31% 5.54%	2.84% 6.47% 4.52% 6.91% 3.03%
7/1/98 free cash	146,506 2,080,473 214,096 37,002 719,440	574,208 156,538 3,487,959 531,681 120,491	1,103,893 4,633,084 1,218,578 1,558,194 1,044,953	2,961,330 438,517 622,015 771,039 2,358,849	615,021 418,730 3,129,267 1,421,242 300,642	3,347,495 1,128,643 1,523,633 1,644,909 1,025,579	113,080 230,691 21,072 2,910,948 1,550,136	9,390,238 4,329,734 830,709 567,488 1,322,516	2,491,174 3,645,310 741,074 931,493 334,327	198,177 3,356,726 188,516 81,415 1,541,162	537,009 500,013 1,971,812 125,964 943,314	224,085 599,507 577,760 978,915 193,053
99 total budget	1,735,663 101,504,263 4,207,998 2,644,440 23,059,971	21,462,161 2,018,482 40,807,319 3,717,184 1,437,159	9,825,986 58,572,852 43,492,497 50,012,601 9,176,803	29,479,027 7,756,600 13,158,916 13,858,628 44,950,879	8,995,845 4,090,485 36,543,388 25,295,634 2,182,116	28,243,103 12,416,893 27,032,185 39,110,241 16,740,892	2,594,320 4,854,754 6,797,762 82,318,195 34,134,202	166,766,557 66,406,547 77,966,759 2,076,406 32,630,626	147,627,226 59,472,594 12,164,969 38,041,474 14,672,127	1,638,087 63,352,212 1,392,646 838,158 22,030,721	10,028,481 2,942,021 13,508,519 40,154,319 17,033,544	7,879,369 9,271,565 12,775,544 14,166,134 6,377,293
7/1/97 free cash	106,622 1,600,726 248,390 -31,816 -150,747	948,017 107,593 3,437,456 427,424 93,156	1,097,690 2,182,196 1,206,531 1,524,737 1,033,765	1,806,018 391,566 507,831 759,529 2,286,365	475,297 354,206 3,170,067 1,322,305 264,834	2,128,233 1,496,196 674,320 1,012,342 287,085	124,039 120,306 191,448 2,897,389 1,570,042	3,511,229 3,547,901 566,026 488,712 1,111,186	547,525 3,198,271 284,458 572,937 811,942	187,123 1,036,208 -65,192 48,719 1,532,424	1,037,249 317,320 1,530,522 1,621,374 364,071	208,896 315,919 577,760 398,177 74,724
98 total budget	1,690,308 93,699,062 3,627,142 2,433,580 21,413,387	18,947,976 2,170,377 38,868,344 3,532,373 1,210,429	8,550,137 57,032,825 41,834,785 47,546,189 8,407,292	28,464,196 7,910,578 12,287,330 12,995,293 40,954,619	8,399,204 4,245,091 35,375,689 25,455,482 1,948,134	26,959,440 12,321,952 24,545,945 36,174,968 15,288,477	2,526,715 3,965,443 6,165,022 78,518,441 29,156,321	156,315,259 63,299,805 73,883,275 2,193,106 30,751,697	137,942,146 54,944,869 11,859,538 34,303,733 14,016,553	1,533,022 59,047,111 1,228,257 781,171 21,001,560	9,685,710 2,904,155 13,092,776 33,852,199 15,395,743	7,897,355 8,252,948 11,606,357 13,510,736 6,037,171
Municipality	Chesterfield Chicopee Chilmark Clarksburg	Cohasset Colrain Concord Conway Cummington	Dalton Danvers Dartmouth Dedham	Dennis Dighton Douglas Dover Dracut	Dudley Dunstable Duxbury E. Bridgewater E. Brookfield	E. Longmeadow Eastham Easthampton Easton Edgartown	Egremont Erving Essex Everett Fairhaven	Fall River Falmouth Fitchburg Florida Foxborough	Framingham Franklin Freetown Gardner Georgetown	Gill Gloucester Goshen Gosnold Grafton	Granby Granville Grt. Barrington Greenfield Groton	Groveland Hadley Halifax Hamilton Hampton
99 FC as a % budget	2.22% 4.46% 3.48% 21.78% 5.01%	11.62% 2.16% 6.55% 6.19% 23.23%	4.65% 3.58% 4.62% -4.12% 6.76%	8.42% 1.28% 2.40% 5.84% 3.03%	5.30% 8.18% 2.68% 7.18% 4.22%	4.46% 5.73% 0.00% 12.14% 12.84%	0.00% 3.10% 3.90% 8.00% 16.71%	0.00% 7.71% 4.58% 7.39% 7.79%	4.69% 9.12% 3.84% 1.77% 5.79%	0.00% 5.20% 4.54% 3.39% 9.14%	4.98% 2.88% 4.73% 6.94% 3.70%	9.25% 4.11% 5.54% 11.50% 0.00%
7/1/98 gfree cash	588,895 1,956,181 561,565 2,135,309 2,476,946	102,905 748,082 3,163,089 5,337,939 435,039	3,889,025 253,843 154,053 -112,251 1,866,565	892,097 985,945 622,041 638,175 538,557	5,064,420 485,147 88,537 3,016,793 1,007,510	1,380,514 3,497,769 649,501 357,514	2,575,068 384,815 128,823 1,574,309	2,538,434 474,745 1,286,681 531,935	3,623,485 2,043,433 1,130,469 101,791 12,886,657	7,506,461 123,623 2,153,659 29,172,594	2,272,980 368,797 1,176,107 148,640 413,300	2,340,850 2,746,276 4,779,029 353,417
99 total budget	26,529,952 43,893,535 16,157,540 9,801,799 49,427,002	885,298 34,609,144 48,288,606 86,205,568 1,872,975	83,615,267 7,085,634 3,331,713 2,722,537 27,602,669	10,595,924 77,078,483 25,939,051 10,928,757 17,763,656	95,521,224 5,931,149 3,300,298 42,022,008 23,893,910	30,965,124 60,990,072 9,095,849 5,352,181 2,785,415		1,604,210,644 32,920,857 10,372,709 17,411,861 6,830,551	77,212,889 22,417,800 29,477,578 5,753,707 222,691,414	5,661,768 144,274,647 2,720,883 63,461,351 319,101,237	45,655,699 12,822,035 24,868,916 2,141,705 11,178,358	25,301,618 66,766,400 86,241,340 3,072,121 1,535,278
7/1/97 free cash	821,882 1,887,727 419,815 918,555 1,863,376	163,440 1,489,960 2,339,508 4,272,761 121,436	2,789,282 350,929 197,218 159,236 -3,388	730,787 811,276 922,958 518,928 1,226,381	6,501,106 496,594 76,301 2,653,755 1,312,259	2,267,426 1,541,843 49,741 272,411 446,682	1,764,083 240,314 112,836 1,457,242	2,375,864 502,677 1,361,927 764,612	1,254,940 2,159,942 505,155 286,501 7,556,813	484,988 4,412,943 208,260 1,706,827 32,045,667	915,557 481,852 1,815,259 112,041 438,505	1,868,061 1,897,882 2,729,571 132,232
98 total budget	24,911,882 41,921,536 14,928,396 9,453,469 45,301,607	806,352 32,066,195 45,172,187 78,411,919 1,772,025	78,076,954 7,236,711 3,053,864 2,566,391 24,687,342	9,712,420 72,022,718 24,146,350 10,108,085 16,523,672	92,155,090 6,239,551 2,927,033 38,295,883 27,472,775	31,467,828 60,639,982 8,103,198 4,869,937 2,253,779		1,490,680,908 34,650,253 9,974,401 14,990,244 6,237,607	72,399,922 25,381,869 27,176,781 5,389,818 207,745,311	4,950,223 136,401,924 2,517,009 58,431,376 298,222,389 3	44,636,183 12,032,146 22,345,683 1,778,360 10,172,284	24,156,470 62,631,813 82,433,417 2,936,381 1,517,841
Municipality	Abington Acton Acushnet Adams Agawam	Alford Amesbury Amherst Andover Aquinnah	Arlington Ashburnham Ashby Ashfield Ashland	Athol Attleboro Auburn Avon Ayer	Barnstable Barre Becket Bedford Belchertown	Bellingham Belmont Berkley Berlin Bernardston	Beverly Billerica Blackstone Blandford Bolton	Boston Bourne Boxborough Boxford Boylston	Braintree Brewster Bridgewater Brimfield Brockton	Brookfield Brookline Buckland Burlington Cambridge	Canton Carlisle Carver Charlemont Charlton	Chatham Chelmsford Chelsea Cheshire Chester

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99 FC as a % budget	5.32% 11.69% 4.07% 2.96% 3.23%	2.11% 2.76% 7.06% 5.89% 2.71%	5.22% 10.05% 4.98% 5.78% 7.15%	4.42% 4.15% 5.75% 0.00% 4.83%	3.18% 3.92% 15.23% 13.70% 6.42%	15.33% 4.23% 2.79% 3.33% 4.18%	1.58% 6.91% 3.97% 5.53% 3.23%	2.61% 9.84% 1.01% 3.31% 7.30%	3.57% 5.61% 7.46% 2.13% 24.84%	3.51% 4.98% -0.61% 10.98% 3.68%	.40%	4.00%
7/1/98 free cash	1,130,895 110,157 319,374 660,650 1,764,790	57,176 1,205,649 9,239,901 1,048,376 1,109,062	271,154 99,924 42,226 3,963,545 2,684,313	1,178,430 2,516,578 548,646 361,920	401,411 558,688 712,537 974,298 3,701,621	447,932 315,757 1,276,289 2,636,815 1,867,371	43,382 675,660 1,552,996 1,123,714 1,221,741	2,631,300 304,459 199,704 705,285 274,700	495,740 2,407,677 1,557,331 1,027,915 302,302	1,039,473 4,010,798 -2,293,976 181,044 731,476	3,004,130	504,392,059 - 18,580,717
99 total budget	21,259,116 942,206 7,856,085 22,356,134 54,690,525	2,704,363 43,716,870 130,836,474 17,794,155 40,907,650	5,192,699 994,744 847,461 68,596,007 37,550,895	26,639,268 60,646,281 9,535,108 1,419,675 7,489,479	12,619,267 14,257,587 4,677,655 7,112,771 57,667,977	2,921,132 7,472,489 45,683,450 79,263,009 44,709,121	2,740,751 9,774,301 39,117,974 20,329,859 37,850,418	100,938,684 3,094,499 19,771,480 21,332,911 3,765,515	13,876,727 42,887,639 20,869,735 48,306,549 1,216,835	29,651,171 80,505,879 374,540,134 1,649,078 19,875,389	49,525,575 13,456,708,716	i a
7/1/97 free cash	1,225,191 85,507 234,467 640,741 1,921,645	93,754 928,669 6,974,078 750,540 599,019	58,714 136,740 -1,520 3,514,953 2,098,996	814,028 2,292,962 376,926 532,444	774,988 686,424 511,260 868,536 3,330,261	299,880 209,244 2,024,876 2,349,071 1,718,462	90,435 678,086 1,771,707 804,898 898,542	1,451,875 181,317 775,782 823,148 268,470	272,784 2,393,364 1,732,865 612,212 287,036	911,243 -1,850,329 42,423 1,172,966		419,603,501 -21,747,153
98 total budget	19,530,420 1,002,611 7,329,263 19,424,207 49,237,496	2,567,673 42,383,577 120,300,285 16,252,756 37,536,960	4,960,301 1,091,345 910,803 64,062,648 36,187,363	24,348,615 58,795,529 9,926,605 1,369,926 6,931,610	12,271,320 14,250,366 4,026,316 7,254,974 54,753,733	2,822,463 7,433,812 42,342,547 74,551,156 37,815,191	2,643,033 9,272,553 36,859,512 19,044,122 35,105,527	92,827,135 2,904,605 18,327,995 19,435,998 3,577,299	13,391,540 40,400,206 20,319,486 46,717,697 1,057,254	28,861,811 74,769,477 355,960,320 2,010,990 20,090,511	49,546,064 12,622,550,542	4 1
Municipality	Tyngsborough Tyringham Upton Uxbridge Wakefield	Wales Walpole Waltham Ware	Warren Warwick Washington Watertown	Webster Wellesley Wellfleet Wendell	W. Boylston W. Bridgewater W. Brookfield W. Newbury W. Springfield	W. Stockbridge W. Tisbury Westborough Westfield	Westhampton Westminster Weston Westport Westwood	Weymouth Whatley Whitman Wilbraham	Williamstown Wilmington Winchendon Winchester Windsor	Winthrop Woburn Worcester Worthington Wrentham	als: dgets	Positive Negative
99 FC as a % budget	9.92% 1.82% 1.96% 5.71% 2.19%	3.71% 12.37% 1.03% 5.93% 11.25%	0.00% 4.50% 20.97% 6.69% 0.00%	14.97% 7.04% 3.24% 4.20% 19.20%	4.76% 2.22% 4.10% 6.47% 5.96%	4.60% 13.53% 3.54% 6.45% 4.71%	9.00% 13.39% 13.18% 4.96% 1.34%	3.68% 6.87% 6.64% 7.85% 4.51%	-2.59% 9.35% 51.66% 2.90% 3.01%	3.84% 5.63% 3.42% 9.23% 6.21%	3.49% 1.01% 4.77% 0.89% 3.20%	7.24% 17.99% 4.79% 6.55% 6.19%
7/1/98 free cash	597,214 282,612 3,475,693 3,147,647 350,102	1,970,942 1,422,997 877,332 201,821 1,044,576	914,465 425,514 560,599	391,250 542,979 2,756,091 530,287 356,833	1,753,364 1,051,683 51,974 2,677,846 1,541,317	1,742,326 720,749 94,094 762,245 431,340	4,611,834 523,910 4,777,786 6,828,201 347,624	297,186 1,371,296 2,124,717 864,835 526,573	-9,250,464 1,031,433 2,782,795 1,284,121 1,664,690	439,953 809,695 1,433,571 446,517 889,713	1,082,490 226,041 5,246,662 64,674	982,123 101,779 614,184 712,523 441,687
99 total budget	6,017,363 15,500,807 177,531,387 55,167,824 15,958,008	53,162,851 11,501,078 85,129,688 3,404,746 9,289,211	34,704,535 20,301,561 2,029,055 8,385,478 2,290,139	2,614,247 7,716,359 85,180,152 12,639,762 1,858,737	36,801,002 47,471,795 1,268,523 41,418,810 25,848,084	37,853,834 5,328,331 2,658,519 11,809,114 9,160,503	51,258,068 3,914,015 36,251,509 137,620,769 25,848,627	8,074,881 19,950,483 32,011,761 11,014,574 11,673,614	356,945,338 11,031,384 5,386,881 44,246,502 55,328,528	11,442,616 14,389,329 41,970,181 4,840,284 14,317,000	31,022,480 22,315,636 110,071,707 7,263,337 56,835,630	13,207,071 565,607 12,812,962 10,871,718 7,134,439
7/1/97 free cash	629,070 280,362 4,413,455 1,914,392 285,948	2,240,445 1,070,566 209,700 237,970 893,997	-547,821 1,301,045 927,064 357,011 692,023	213,589 342,906 1,423,512 169,653 642,253	629,725 316,798 90,336 1,361,556 1,434,797	1,216,005 709,575 100,342 527,335 222,373	4,555,647 454,428 3,098,821 6,969,416 724,947	241,340 1,306,667 3,212,404 925,333 338,821	-6,851,035 1,030,560 2,021,558 1,113,799 1,390,807	745,397 715,011 763,419 411,092 468,134	547,286 -282,990 4,471,006 238,073 874,908	1,166,214 98,942 538,482 360,747 321,614
98 total budget	5,398,923 15,237,154 164,355,584 50,198,762 14,272,608	49,841,295 10,843,610 80,049,962 3,501,509 8,881,432	32,764,397 19,086,490 2,632,751 7,699,265 1,971,358	2,552,435 6,939,182 80,118,531 11,656,138 1,468,043	34,596,523 48,268,946 1,089,972 36,149,486 24,419,100	35,025,137 5,591,184 2,349,264 11,444,940 8,778,276	48,908,865 3,428,047 35,493,190 130,280,709 25,564,297	7,595,352 17,598,733 30,259,647 9,936,599 10,239,769	326,234,747 10,587,640 4,802,302 42,623,866 51,643,711	10,457,522 14,545,891 41,080,850 4,505,272 12,388,325	29,542,885 21,319,195 104,183,221 7,411,384	11,892,163 548,913 11,224,991 10,158,682 6,634,600
Municipality	Princeton Provincetown Quincy Randolph Raynham	Reading Rehoboth Revere Richmond Rochester	Rockland Rockport Rowe Rowley Royalston	Russell Rutland Salem Salisbury Sandisfield	Sandwich Saugus Savoy Scituate Seekonk	Sharon Sheffield Shelburne Sherborn Shirley	Shrewsbury Shutesbury Somerset Somerville S. Hadley	Southampton Southbroough Southbridge Southwick Spencer	Springfield Sterling Stockbridge Stoneham Stoughton	Stow Sturbridge Sudbury Sunderland	Swampscott Swansea Taunton Templeton Tewkshing	Tisbury Tolland Topsfield Townsend Truro
99 FC as a % budget	2.63% 3.95% 22.09% 11.24% 3.89%	9.99% 1.98% 9.89% 1.90% 21.55%	4.35% 6.65% 3.92% 17.98% 46.84%	4.03% 10.25% 4.74% 3.97% 32.37%	-2.47% 3.50% 5.72% 9.63% 1.78%	0.70% 3.29% 3.08% 5.89% 0.67%	5.26% 3.18% 4.65% 3.45% 11.50%	3.96% 13.43% 3.12% 3.79% 3.45%	6.93% 11.73% 3.25% 7.97% 7.12%	6.60% 8.08% 6.05% 6.80% 11.35%	3.63% 10.71% 12.75% 12.95%	2.01% 11.60% 5.66% 5.81%
7/1/98 free cash	2,088,520 1,630,957 162,989 1,485,820 1,966,270	1,840,028 312,941 303,821 1,019,603 105,156	702,164 742,091 74,760 208,828 170,268	311,234 5,285,205 3,450,176 2,900,719 110,018	-5,015,840 39,033 136,667 130,983 180,610	247,068 7,004,674 565,197 1,794,073 337,985	2,843,844 288,245 1,499,535 1,873,188 3,016,151	962,285 534,675 963,184 899,507 2,839,843	896,147 221,600 507,564 1,363,701 206,968	1,572,132 1,989,300 364,312 6,467,513 288,610	1,009,549 1,504,637 126,925 210,733	1,728,212 110,485 718,661 2,487,223 254,062
99 total budget	79,440,814 41,259,824 737,907 13,222,388 50,567,286	18,414,197 15,795,424 3,072,387 53,754,178 488,069	16,139,530 11,166,827 1,904,767 1,161,423 363,526	7,716,074 51,582,704 72,791,084 73,111,035 339,866	202,660,414 1,114,037 2,391,343 1,359,801 10,147,007	35,152,781 212,624,482 18,364,882 30,448,348 50,093,573	54,044,511 9,054,005 32,220,406 54,321,868 26,227,734	24,309,139 3,981,705 30,848,974 23,741,888 82,253,129	12,927,828 1,889,373 15,631,599 17,106,786 2,907,729	23,819,952 24,604,846 6,016,830 95,043,279 2,542,848	27,834,918 14,051,863 995,638 1,626,922	85,980,499 952,661 12,708,186 110,989,158 4,371,799
7/1/97 free cash	739,939 933,994 105,303 1,334,381 710,439	1,363,821 767,473 469,752 1,025,127 125,162	471,740 614,193 202,543 221,985 117,754	237,195 4,897,887 2,728,405 1,968,754 92,369	10,037,492 40,773 123,636 123,636 367,384	340,795 4,062,320 351,797 346,358 1,085,950	2,431,979 291,975 1,311,290 1,402,665 2,854,196	1,145,070 534,058 535,806 686,911 2,386,984	619,071 138,714 648,954 1,588,641 304,305	1,251,985 628,226 369,837 6,738,960 399,580	1,595,438 806,718 96,643 343,788 87,231	2,408,456 72,094 810,773 3,387,865 142,238
98 total budget	75,711,353 40,084,495 765,228 12,017,005 48,386,858	17,237,684 14,277,073 3,006,165 49,673,523 466,106	15,105,134 10,324,607 1,821,287 1,391,450 392,267	7,283,062 48,981,622 68,109,313 68,161,972 368,029	193,171,248 – 1,110,479 2,456,280 1,222,104 9,634,854	31,875,787 206,550,467 16,568,366 28,629,941 47,704,711	48,804,109 8,143,762 29,702,116 52,357,604 23,607,860	22,797,194 3,712,232 28,224,732 23,168,159 82,229,484	12,515,285 1,632,346 14,099,006 16,173,581 2,733,612	19,847,637 23,350,646 5,532,738 93,879,983 2,236,960	26,895,735 14,618,015 975,634 1,856,311	81,484,164 1,355,902 11,140,538 103,053,901 4,162,551
Municipality	Methuen Middleborough Middleffeld Middleton Mifford	Millbury Mills Millville Milton Monroe	Montague Monterey Montgomery Mt. Washington	Nahant Nantucket Natick Needham New Ashford	New Bedford New Braintree New Marlborough New Salem Newbury	Newburyport Newton Norfolk N. Adams N. Andover	N. Attleborough N. Brookfield N. Reading Northampton Northborough	Northbridge Northfield Norton Norwell Norwood	Oak Bluffs Oakham Orange Orleans Otis	Oxford Palmer Paxton Peabody Pelham	Pembroke Pepperell Peru Petersham Philinston	Pittsfield Plainfield Plainville Plymouth

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What in the World Is Free Cash? → continued from page three

free cash to Ashfield at 4.21 percent negative free cash. There were 12 communities with free cash equal to more than 20 percent of their total budgets and another 47 with free cash of 10 to 20 percent. There were 119 communities with free cash of between 5 and 10 percent of their total budgets. The largest group fell between 3 and 4 percent. The statewide total free cash as a percent of the statewide total budget for FY1999 is 4.0 percent. It was 3.15 percent in FY1998.

Eight of the 10 communities with free cash equaling the largest percentages of total budgets are in Berkshire County: Stockbridge (51.66), Mount Washington (46.84), New Ashford (32.37), Florida (27.33), Lenox (25.58), Windsor (24.84), Hancock (22.59) and Adams (21.78). The other two communities are Aquinnah (23.23) on Martha's Vineyard and Middlefield (22.09) in Hampshire County. The eight commu-

nities with free cash equaling less than one percent of their total budgets are clustered in northern Massachusetts. Three are in Essex County: Newburyport (0.7), North Andover (0.67) and Essex (0.31). Three are in northern Worcester County: Lunenburg (0.98), Templeton (0.89) and Lancaster (0.81). The others are Maynard (0.59) and Greenfield (0.31).

For FY1999, there were six communities with negative free cash, six less than in the previous fiscal year. Five of the six are cities. Three of those communities had negative free cash balances of less than one percent. The community with the highest negative balance had negative free cash equal to slightly more than four percent of its total budget. Some communities do not have their free cash certified, often because they anticipate a negative balance. For FY1999 there were nine communities that did not have free

cash certified, up from five uncertified communities in FY1998.

Prudent communities prepare conservative budgets to generate positive free cash. They also pursue the collection of unpaid real and personal property taxes aggressively since unpaid taxes are not only monies not collected, they are also deducted when free cash is calculated. Since higher free cash ratios are one indicator of fiscal health, financial services assigning bond ratings to communities use the amount of free cash as one measure of the community's fiscal stability. A strong free cash position could reduce borrowing costs. Maintenance of an adequate free cash level is not a luxury, but a necessary component of sound local fiscal management. ■

written by Jean McCarthy data provided by Dora Brown chart prepared by Michael Maguire

Audits Reveal Results of Ed Reform Spending → continued from page one

plus 0.85 show a very strong positive relationship or correlation, while values of less than minus 0.75 indicate a relatively strong inverse relationship or correlation. A value of zero indicates that there is no correlation at all.

Comparing net school spending and student test scores in audited districts reveals that there is almost no relationship. Correlation coefficients for net school spending and four different test score results yielded values between minus 0.1 and plus 0.07.1 On the other hand, there is a high correlation among performance on different tests — schools that score well on the Scholastic Achievement Test (SAT) score similarly on the Massachusetts Comprehensive Assessment System (MCAS). Taking just one demographic factor,

1989 per capita income, and correlating that to the 1998 MCAS test scores results in a correlation coefficient of 0.84 for the audited districts, suggesting that per capita income plays a fairly strong role in test score results.

The true measure of success is most likely the degree to which a school district performs better than expected based on its demographic characteristics. Among the audited school districts that performed better than expected are North Reading, Auburn, Braintree, East Longmeadow, Everett and Worcester. Everett and Worcester are two districts that appear to have taken education reform very seriously and implemented many of its provisions, such as communicating goals

clearly, preparing thoughtful school improvement plans and using evaluation tools for both teachers and principals.

Successful school districts tend to exhibit some shared characteristics. They have strong and positive leadership, clear direction that is communicated well throughout the organization, and a sense of purpose and drive. Clear communication of goals through mission statements, strategic plans with specific goals and objectives, and effective methods of measuring progress and holding managers accountable move school districts forward.

1. 1998 MCAS Total Score (.01), 1998 Combined Advanced & Proficient Scores (.03), 1998 SAT score (.07) and 1997 10th Grade Iowa Percentile rank (-.10).

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DLS UPDATE

Rating of Qualified Bonds Improves

Moody's Investors Service recently upgraded the rating on the state general obligation-qualified bond program to Aa3 from A2, affecting \$632.4 million of outstanding debt. The enhancement reflects the Commonwealth's strong credit rating as well as the strength of the direct-pay arrangement authorized by state statute. Under the Massachusetts Qualified Bond program the State Treasurer pays the debt service directly from a community's local aid, reinforcing the security of the bonds and thereby reducing the cost of borrowing for municipalities. Amesbury, Beverly, Blackstone Millville Regional School District. Brockton, Fall River, Haverhill. Lawrence, Lowell, Revere and Springfield have all issued bonds under this program.

FY2001 Growth Factors

The Division of Local Services has provided preliminary FY2001 municipal revenue growth factors (MRGF) to the Department of Education (DOE) to be used to calculate the amount of Chapter 70 aid proposed in the Governor's budget (House 1A). Both Chapter 70 aid and the MRGFs may change as a result of the legislative process. Based on statute, the MRGFs are used to increase the local municipal contribution to support schools and the gross standard of effort used to measure ability to pay under the Education Reform Act. The law provides for a cap on the MRGFs based on the annual percent increase in formula aid for Chapter 70. For FY2001, the factors were capped at 4.72 percent.

The MRGF is an estimate of the percentage change in a municipality's revenue growth for a fiscal year. It represents the combined percentage increase in the following revenue components: automatic $2V_2$ percent increase in the levy limit, estimated new growth, the change in selected unrestricted state aid categories, and the change in selected unrestricted local receipts. The MRGF is the summary of the change in the four components.

Detailed descriptions of the calculation of every community's preliminary FY2001 MGRFs are available on the DLS website, address on page 8, (see MRGF2001.xls). To see a community's numbers, click on the "reports" menu choice. A companion file provides spreadsheets that give the calculations in column format for all 351 cities and towns (see MRGF2001. spreadsheet.xls). For questions call Lisa Juskiewicz or Rick Kingsley at DLS.

Room Occupancy Excise Alert

Communities that impose a local room occupancy tax on hotels and motels must notify the Commissioner of Revenue when they vote to adopt that local option.1 A copy of the town meeting or city council vote specifying the rate at which the local excise is to be imposed and the effective date of the local excise should be received by the Commissioner at least 21 days before the effective date for imposition of the excise. The effective date is the first day of the calendar quarter following 30 days after such acceptance, or the first day of such later calendar quarter as the city or town may designate.

Massachusetts General Laws authorize any city or town to impose a local excise on the transfer of occupancy of any room or rooms in a bed and breakfast establishment, hotel, lodging house or motel located in that community. State law imposes an excise at a

rate of 5.7 percent of the total amount of rent for each such hotel/motel occupancy. Each city or town may vote to impose an additional surtax of up to four percent of the total amount of rent (up to 4.5 percent in Boston).² To impose the additional excise, a community must first accept the provisions of law. For towns, acceptance requires a majority vote of town meeting. In cities, a majority vote of the city council, or a majority vote of town council in municipalities with a town council form of governments, is required.

Although failure to notify the Commissioner does not affect the effective date of the excise, or excuse the operator from the obligation to collect the excise, it obviously has an impact on the Commissioner's notification of local hotel/motel operators. Despite lack of such notice, hotel/motel owners could still be subject to fines and interest for failure to collect the excise. Also, in one community the hotel owner received a rebate of the amount collected with notice that the town had not adopted the hotel/motel excise because the Commissioner had no record of the town's adoption of the local option. ■

- 1. 830 CMR 64G.3A.1.
- 2. MGL Ch. 64G, § 3, 3A.

Designer Selection Statute → continued from page two

In conclusion, the court refused to issue the injunction since the public interest would not be served. ■

written by James Crowley

- 1. 430 Mass. 328 (1999).
- 2. Pursuant to M.G.L. Ch. 40 § 53.
- 3. M.G.L. Ch. 7 \S 38A½-38O.
- 4. Article VII of the town bylaws.
- 5. M.G.L. Ch. 7 § 38D.
- 6. M.G.L. Ch. 7 § 38H(d).
- 7. M.G.L. Ch. 7 § 38H (I).
- 8. M.G.L. Ch. 7 § 40A et seq.

8 Division of Local Services City & Town March 2000

Municipal Fiscal Calendar

April 1

Collector: Mail 2nd half semi-annual tax bills.

Mark Your Calendars — Opportunities for Training

Assessment Administration: Law, Procedures, Valuation (Course 101) will be offered in Melville Hall (Room 201), Berkshire Community College in Pittsfield on eight consecutive Wednesdays beginning April 5, from 7:00 p.m. to 10:00 p.m.

Assessment Administration: Law, Procedures, Valuation (Course 101) will be offered at the Department of Revenue's first floor conference room, 51 Sleeper Street, Boston, on eight consecutive Tuesdays beginning April 11, from 7:00 p.m. to 10:00 p.m.

Classification Training Workshops will be held in conjunction with Course 101 in Room 201, Melville Hall, Berkshire Community College on Wednesday, May 3, 2000, and in the first floor conference room, 51 Sleeper Street in Boston on Tuesday, May 9, 2000, from 7:00 p.m. to 8:30 p.m.

The New Officials Finance Forum will be given on Friday, June 2, 2000, at the Ramada Inn, 624 Southbridge Street, Auburn from 8:45 a.m. to 3:00 p.m.

Contact Barbara LaVertue, Coordinator of Training, at (617) 626-2340 for more information. ■

Data Bank Highlight

The Municipal Data Bank website has spreadsheets listing certified free cash amounts as a percentage of the total budget for all cities and towns from FY1981. It also has spreadsheets for the other two major reserve funds: stabilization fund and overlay reserve. One spreadsheet shows stabilization fund balances as a percentage of the total budget. The other shows overlay reserve as a percentage of the tax levy. These spreadsheets can be downloaded from the website. The Data Bank provides many other reports containing financial and demographic information on Massachusetts cities and towns. Most of these reports are available on the website. Another feature of the website, the Community Report Builder, allows users to construct reports online.

To obtain information from the Municipal Data Bank, visit our website, listed below, or call Dora Brown or Debbie DePerri at (617) 626-2300. For technical assistance, contact Medi Ba at (617) 626-2355. ■

City & Town



City & Town is published by the Massachusetts Department of Revenue's Division of Local Services (DLS) and is designed to address matters of interest to local officials. DLS offers numerous publications on municipal law and finance, available by calling (617) 626-2300, or through the DLS website at www.state.ma.us/dls or by writing to PO Box 9490, Boston, MA 02205-9490.

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